

Docket No.: 50427-740

PATENT

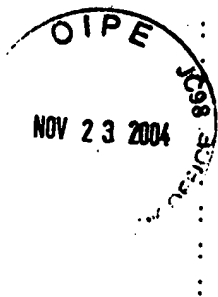
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yoshitaka HARA

Application No.: 09/901,437

Filed: July 10, 2001



Customer Number: 20277

Confirmation Number: 7714

Group Art Unit: 2637

Examiner: GHEBRETINSAE, Temesghen

For: ADAPTIVE ARRAY ANTENNA-BASED CDMA RECEIVER THAT CAN FIND THE WEIGHT VECTORS WITH A REDUCED AMOUNT OF CALCULATIONS

INFORMATION DISCLOSURE STATEMENT

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Dear Sir:

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee.

**REQUEST TO CONSIDER REFERENCES AFTER CLOSE OF PROSECUTION AND
BEFORE PAYMENT OF ISSUE FEE**

The undersigned hereby requests consideration and entry of this Information Disclosure Statement and accompanying references under 37 CFR 1.97(d).

Please charge the processing fee under 1.17(p) of \$180.00 to Deposit Account 500417.

CERTIFICATION PARAGRAPH


The undersigned certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement as described in 37 CFR 1.97(e)(1).

Each reference, listed on the attached PTO-1449, was cited in a corresponding European application search report and its relevance discussed therein. A copy of the foreign search report is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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Date: November 16, 2004

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

 ATTY. DOCKET NO.
50427-740

 SERIAL NO.
09/901,437

 APPLICANT
Yoshitaka HARA

 FILING DATE
July 10, 2001

 GROUP
2637

(PTO-1449)

COPY

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 5,933,446	8/3/1999	Bond et al.	
		US			
		US			
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FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number + -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		WO 96/37976	11/28/1996	NOKIA TELECOMMUNICATIONS OY		YES	
		WO 00/16494	3/23/2000	NOKIA NETWORKS OY		YES	
		EP 0 999 652 A1	5/10/2000	LUCENT TECHNOLOGIES INC.		YES	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

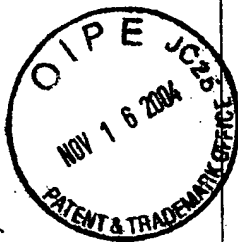
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		NAGUIB, A. F., et al., "Performance of Wireless CDMA with M-ary Orthogonal Modulation and Cell Site Antenna Arrays", IEEE Journal on Selected Areas in Communications, Vol. 14, No. 9, December 1, 1996, pp. 1770-1783, (XP-000639640)	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



Applicant: Yoshitaka HARA

Docket No. 50427-740

ADAPTIVE ARRAY ANTENNA-BASED CDMA RECEIVER THAT CAN FIND THE WEIGHT VECTORS
WITH A REDUCED AMOUNT OF CALCULATIONS

Serial/Reg./Patent No. 09/901,437

Title:

Date Sent: 11/16/2004 ☒ Hand Carried ☐ Fax ☐ Electronic ☐ Cert. of Mailing ☐ First Class Mail ☐ Express Mail No.

☒ Transmittal Letter

☐ New Patent App ☐ Utility ☐ Design ☐ Cont. ☐ CIP ☐ Div. ☐ PCT ☐ RCE ☐ Prov

☐ Other:

pages of Specification

pages of Claims

pages of Abstract

pages of Formal/Informal Drawings

☐ Small Entity ☐ Large Entity

☐ Declaration/Power of Attorney

☐ Recordation of Assignment/Security Agreement

☒ Information Disclosure Statement

1 Form PTO 1449

5 copies of cited references

☐ Preliminary Amendment

☐ Response to Missing Parts Notice

☐ Resp. to Notice to Correct App. Papers

☐ Certified Copy of Priority Doc.

☐ Claim for Convention Priority

☐ Response/Amendment to Office Action of

☐ Request for month Extension of Time

☐ Letter submitting pages of drawings

☐ Req. for Approval of Drawing Amendments

☐ Req. for Oral Hearing

☐ Not. of Appeal ☐ Appeal Brief ☐ Reply Brief

☐ Rule 312 Amendment/Letter

☐ Req. for Acknowledgement of Cited Art

☐ Issue Fee

☐ Publication Fee

☐ Req. for Certificate of Correction

☐ Maintenance Fee for years after grant

☐ Fee Address Indication Form

☐ Terminal Disclaimer

☐ Petition to Commissioner

☐ Status Inquiry

☒ Other copy of EP search Report

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CMS Descr.: 10 - 180

THE PATENT AND TRADEMARK OFFICE DATE STAMPED HEREON IS ACKNOWLEDGEMENT THAT THE ITEMS, CHECKED ABOVE, WERE RECEIVED BY THE PTO ON THE DATE STAMPED.

CDV